

ABSTRACT OF THE DISCLOSURE

EEG measures are used to predict neurological developments resulting from a stroke or similar cerebral ischaemia in a person. EEG measures are acquired from the person at two time-points in an acute phase of the stroke, within 18 hours of onset of symptoms of stroke, with acquisition commencing within 7 hours of onset of the symptoms. The acquired EEG measures are processed to obtain a delta band power change measure, known as the acute delta change index (aDCI). Subsequent clinical outcome in the patient (e.g. at 30 days post-stroke) is predicted on the basis of the aDCI.